

Please cancel claim 13 without prejudice or disclaimer.

REMARKS

Claims 7 through 12 are pending in the application. Claim 13 has been canceled without prejudice or disclaimer. Reconsideration of this application is respectfully requested.

The Office Action rejects claims 7 through 13 under 35 U.S.C. 102(b) as anticipated by each of U.S. Patent No. 4,838,629 to Maruyama et al., hereafter Maruyama, U.S. Patent No. 5,353,210 to Strok et al., hereafter Strok, U.S. Patent No. Seredich et al., hereafter Seredich, and U.S. Patent No. 5,375,015 to Itoh et al. These rejections are moot as to claim 13, which has been canceled.

Claim 7 now recites a reflector that comprises the feature of a light reflective body formed of a hard brittle material and a temperature resistant tenacious plastic comprised of a fluoropolymer on a portion of the surface of the light reflective body. This feature is not disclosed or taught by Maruyama, Strok, Seredich or Itoh, and, therefore, the rejections do not apply to present claim 7 and its dependent claims 8 through 12.

Maruyama discloses a reflective body made of plastic that has a coating of one or more films made of titanium oxide, silicon oxide, zinc sulfate and magnesium fluoride. See column 3, lines 44 through 64. None of these films is a plastic. The plastic of the reflective body is a polyimide-based resin or a polyether ketone-based resin, neither of which is a hard brittle material as recited in claim 7.

Strok does not disclose a coating of temperature-resistant tenacious plastic comprising a fluoropolymer as recited in claim 7. Strok's coating may be a silicone compound, which is not a fluoropolymer. See column 5, lines 2 and 3.

Seredich discloses a halogen lamp upon which is disposed a black, heat resistant coating. The material of the coating is not disclosed.

Itoh discloses a reflection mirror body with a coating of several layers, which are identified as nickel Ni, glossy metal Cr, a black heat ray absorbing layer Bh and a heat transmitting layer G. See column 3, lines 1 through 48. None of these materials is disclosed as a plastic comprised of a fluoropolymer.

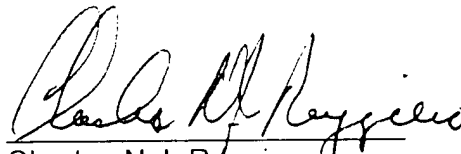
For the reason set forth above, it is submitted that the above noted rejections of claims 7 through 12 under 35 U.S.C. 102(b) as anticipated by Maruyama, Strok, Seredich or Itoh do not apply to claim 7 and to its dependent claims 8 through 12 and should be withdrawn.

Attached hereto is a marked-up version of the changes made to the specification and claims by the present amendment. The attachment is captioned "Version With Markings To Show Changes Made."

It is respectfully requested for the reasons set forth above that the rejections under 35 U.S.C. 102 be withdrawn, that claims 7 through 12 be allowed and that this application be passed to issue.

Respectfully submitted,

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

Application, Serial No. 09/729,675

IN THE CLAIMS

Please amend the claims as follows:

7. (Amended) A reflector for a [lamp having] high pressure gas discharge luminous body, said reflector comprising a light reflective body that is formed of hard brittle material and that has a surface, and a coating of temperature-resistant tenacious plastic comprising a fluoropolymer on at least a portion of said [the] surface [thereof].